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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,027	10/22/2001	Warren Snyder	CYPR-CD00232	8635

7590 08/09/2006

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EXAMINER

PAN, DANIEL H

ART UNIT PAPER NUMBER

2183

DATE MAILED: 08/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/033,027	Applicant(s) SNYDER, WARREN	
	Examiner Daniel Pan	Art Unit 2183	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11, 13-18, 20, 21, 23-49, 51, 52 and 57-59 is/are pending in the application.
- 4a) Of the above claim(s) 12, 19, 22, 50 and 53-56 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11, 13-18, 20, 21, 23-49, 51, 52 and 57-59 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 December 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>03/03/06</u> . | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2183

1. Clams 1-11,13-18,20,21,23-49,51-52,57-59 remain for examination. Claims 12,19,22,50, 53-56 have been canceled.

2. Claims 1-11, 13-18,20,21, 23-49,51,52, 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Insenser Farre et al. (6,460,172) in view of Furtek (5,894,565) in view of van der Wal et al. (6,1Q8,381).

No change ahs been made.

68. Claims 58,59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Insenser (6,460,172) in view of Gammal et al. (5,754,826) in view of van der Wal et al . (6,188,381).

No change has been made.

3. The rejections are maintained and incorporated by reference the last Office action on 04/26/06.

4. The response by applicant on 05/25/06 has been fully considered but is not persuasive.

5. In the remarks, applicant argued that :

a) the citation in col.10, lines 30-38 of van del Wal refers to type 1 reconfigurable devices having control registers which may be programmed to a new structure, and only type two reconfigurable devices of van der Wal are capable of being configured to perform different functions as the digital functional blocks of claim 1;

Art Unit: 2183

b) type 2 is not configurable with a single register write operation;

c) Insenser, Gamal, and van der Wal does not suggest or motivate all the limitations of independent claim 58.

6. As to a) above, the definition of "function" is nether clearly defined in the spec , nor inn the claim. Therefore, it is read as any path connections. Van del Wal refers to the type 1 reconfigurable devices having control registers which may be programmed to a new structure for providing a data path between port A and port B and a different data path between Port A and port C. The path of port AB is different from the path port AC. Therefore, the functional parameters of the path AB is different from the parameters of path AC. Since functional parameters are different, the functions are different. Nevertheless, van der Wal's type 2 already performed different hardware function (see col.6, lines 36-41);

7. As to b) above, van der Wal taught the reconfigurable device having a single control register write for reconfiguring all functional blocks or devices (see col.10, lines 30-38). Therefore, both type 1 and type 2 were configurable with single register write;

8. As to c) ,Insenser did give motivation by disclosing a single microprocessor command for reconfiguring the SOC system (see col.5, lines 1-9), which was a suggestion of the applicability of a single register write operation in order to achieve specific register access operation for reconfiguring purpose, and for doing so, provided motivation.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dan Pan whose new number 571 272 4172. The examiner can normally be reached on M-F from 8:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan, can be reached on new number 571 272 4162. The fax phone number for the organization where this application or proceeding is assigned is 703 306 5404.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2183

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

21 Century Strategic Plan

DANIEL H. PAN
PRIMARY EXAMINER
GROUP

